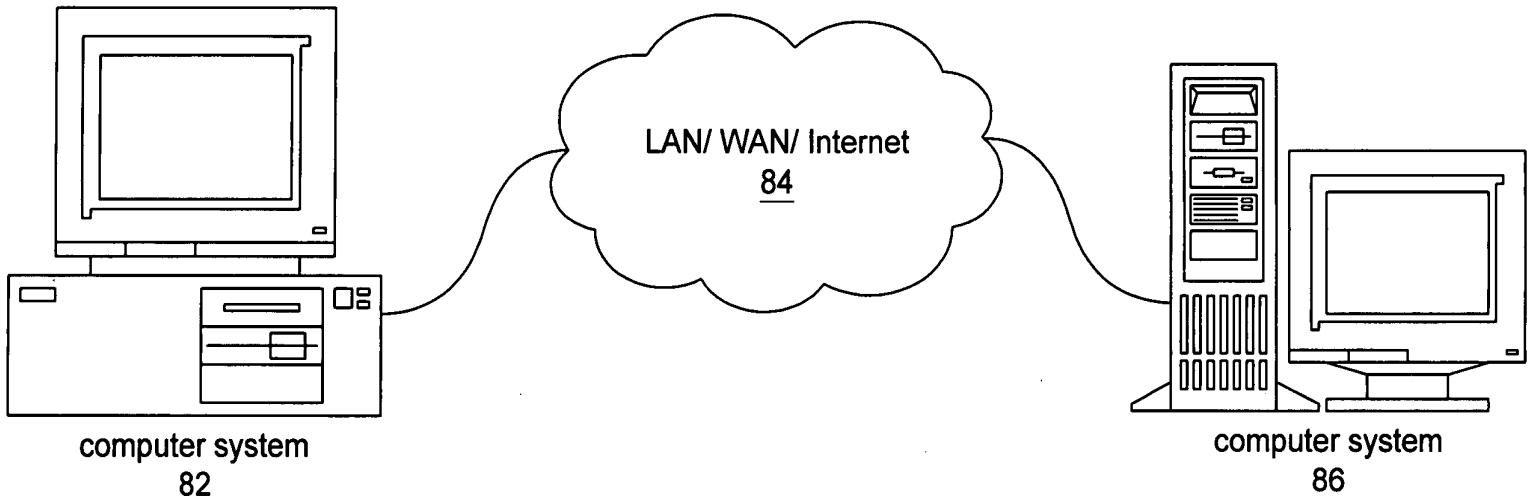

FIG.1

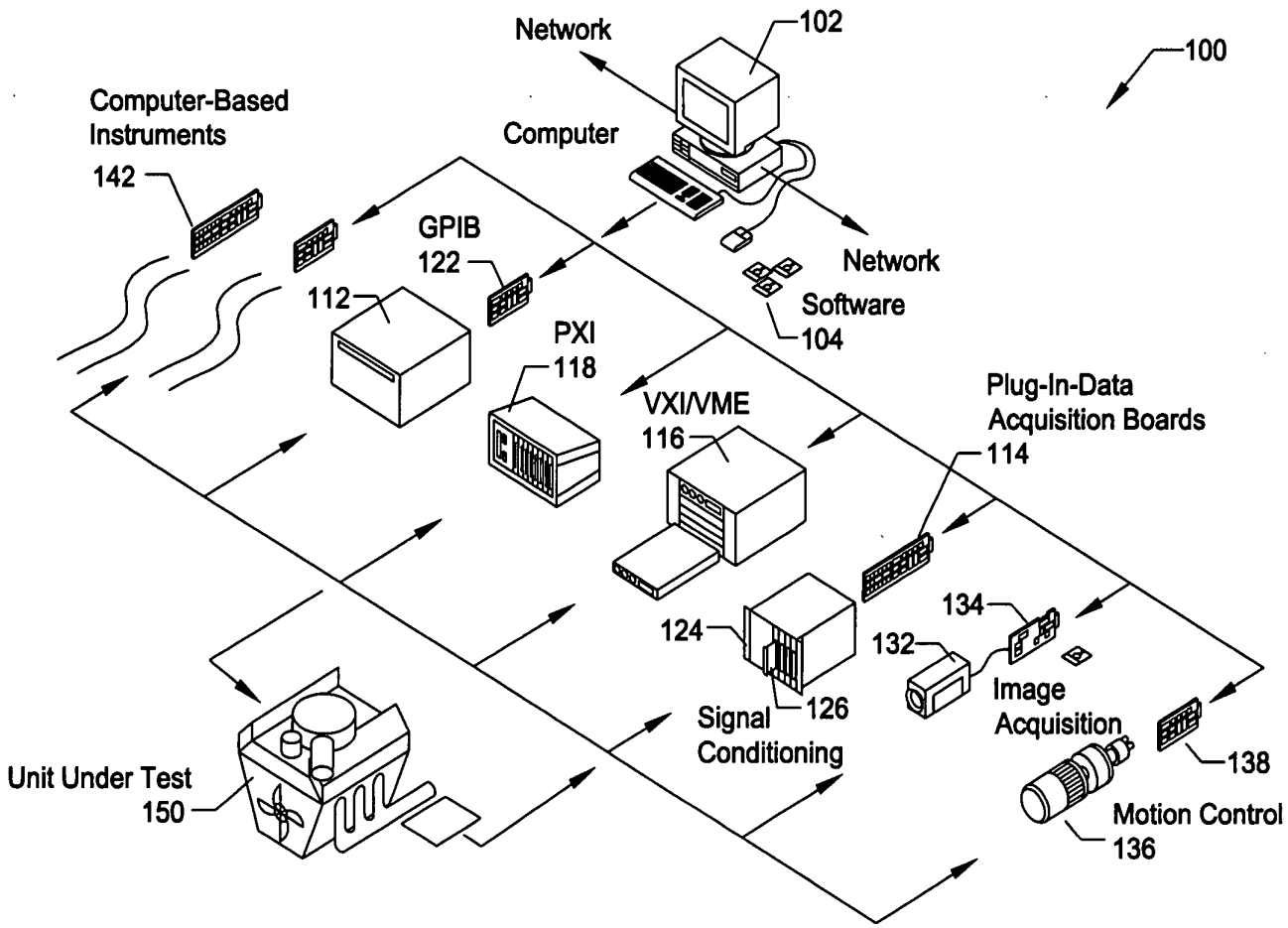

FIG. 2A

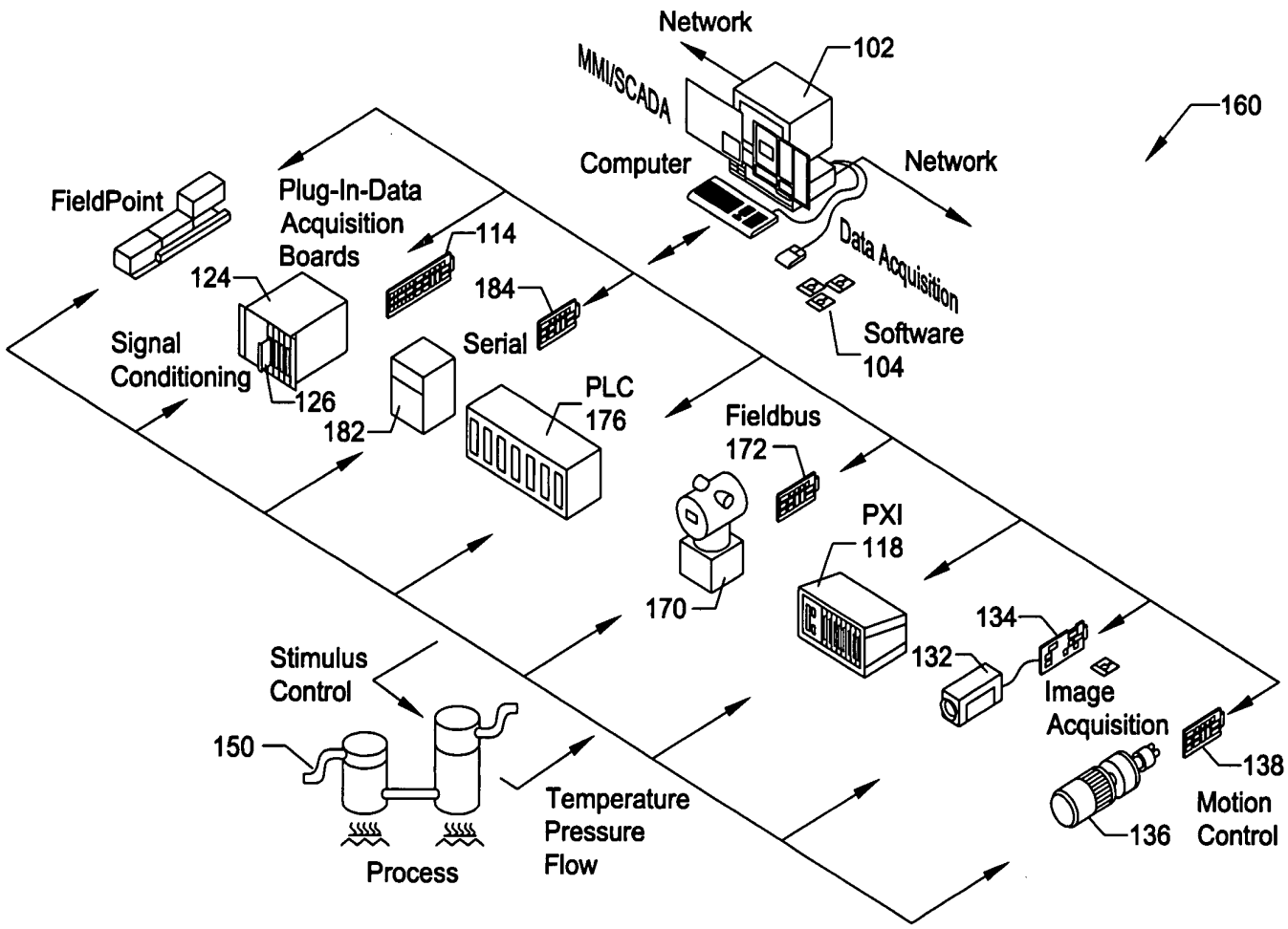

FIG. 2B

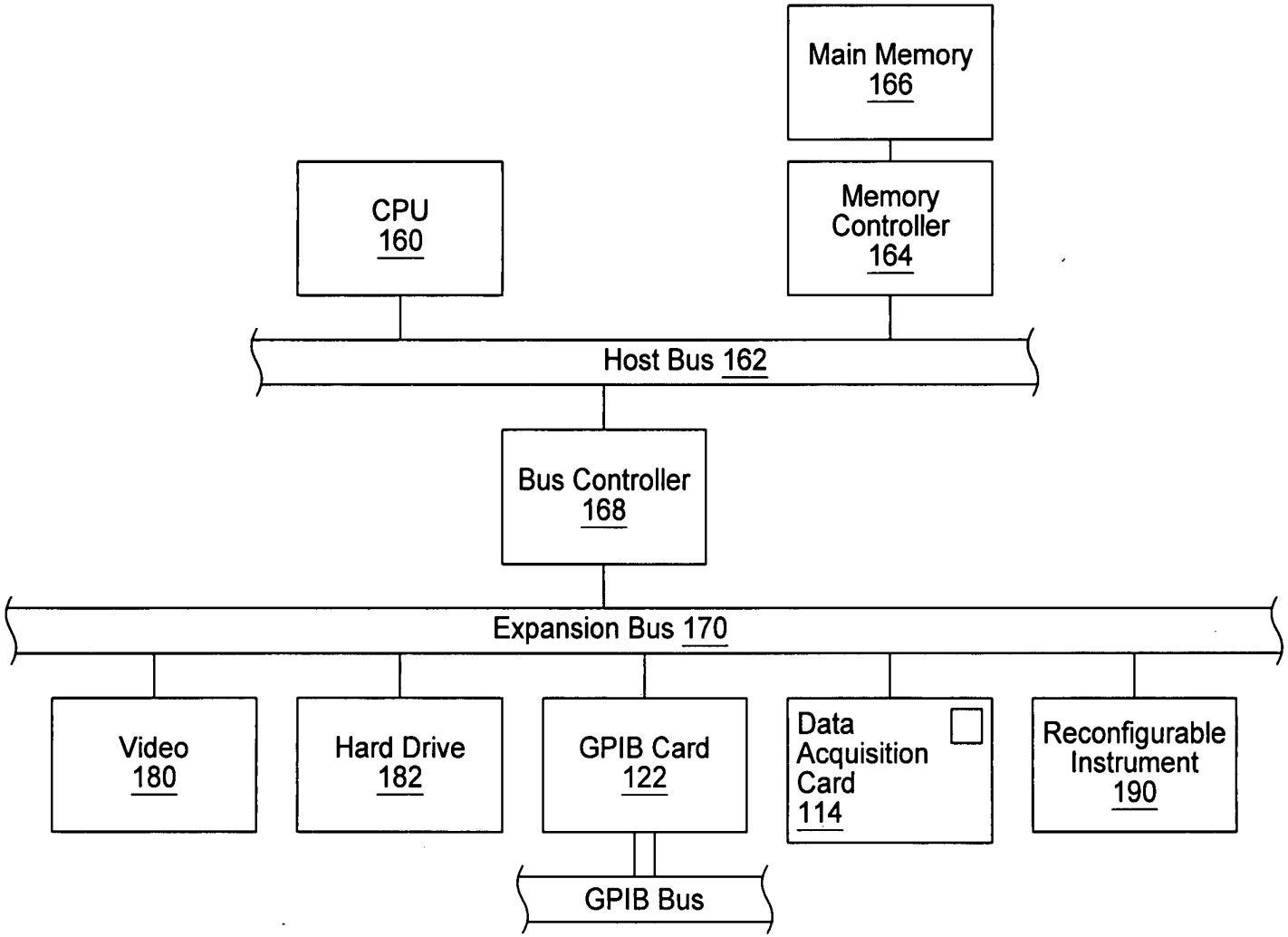

FIG. 3

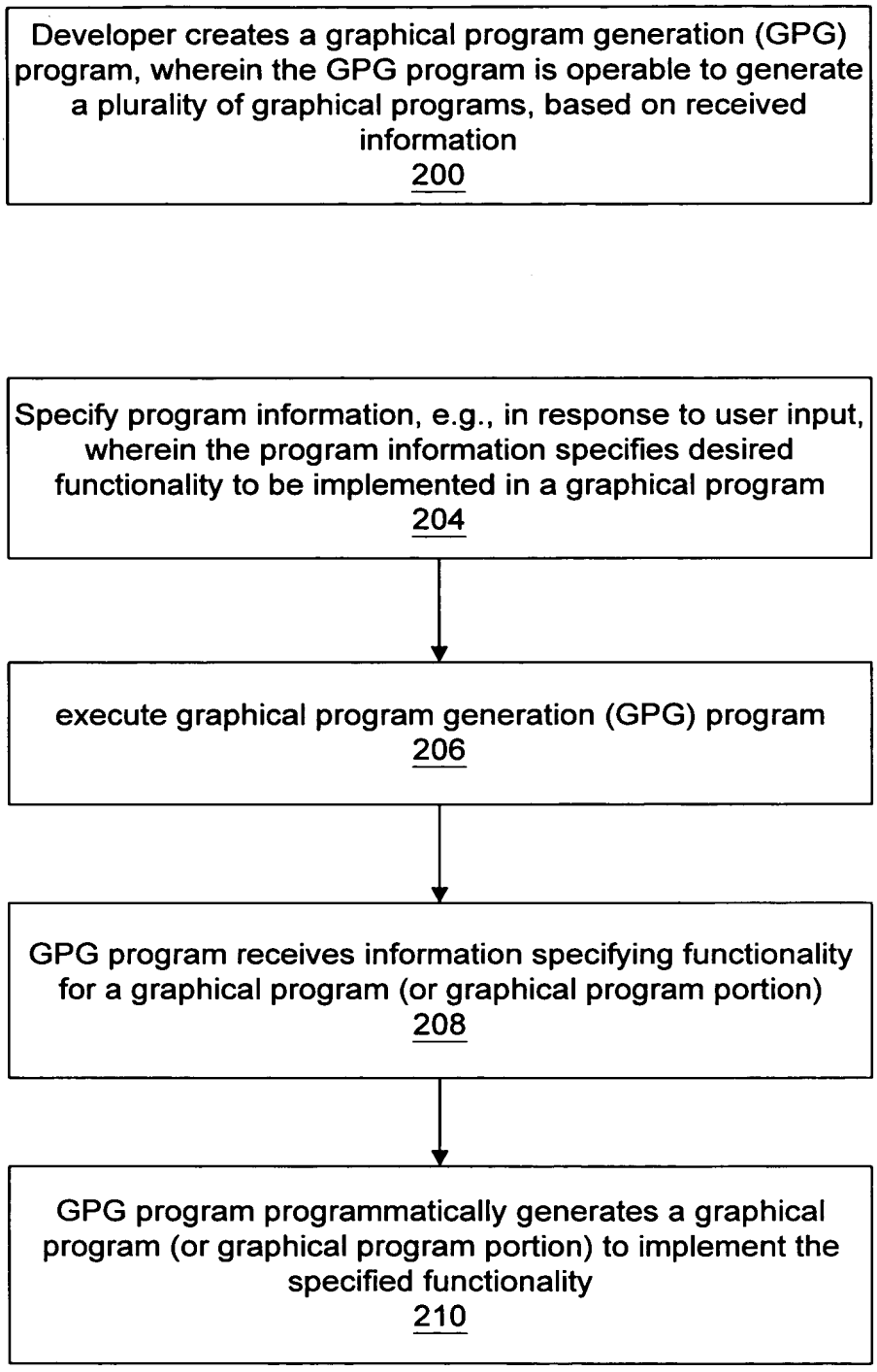

FIG. 4

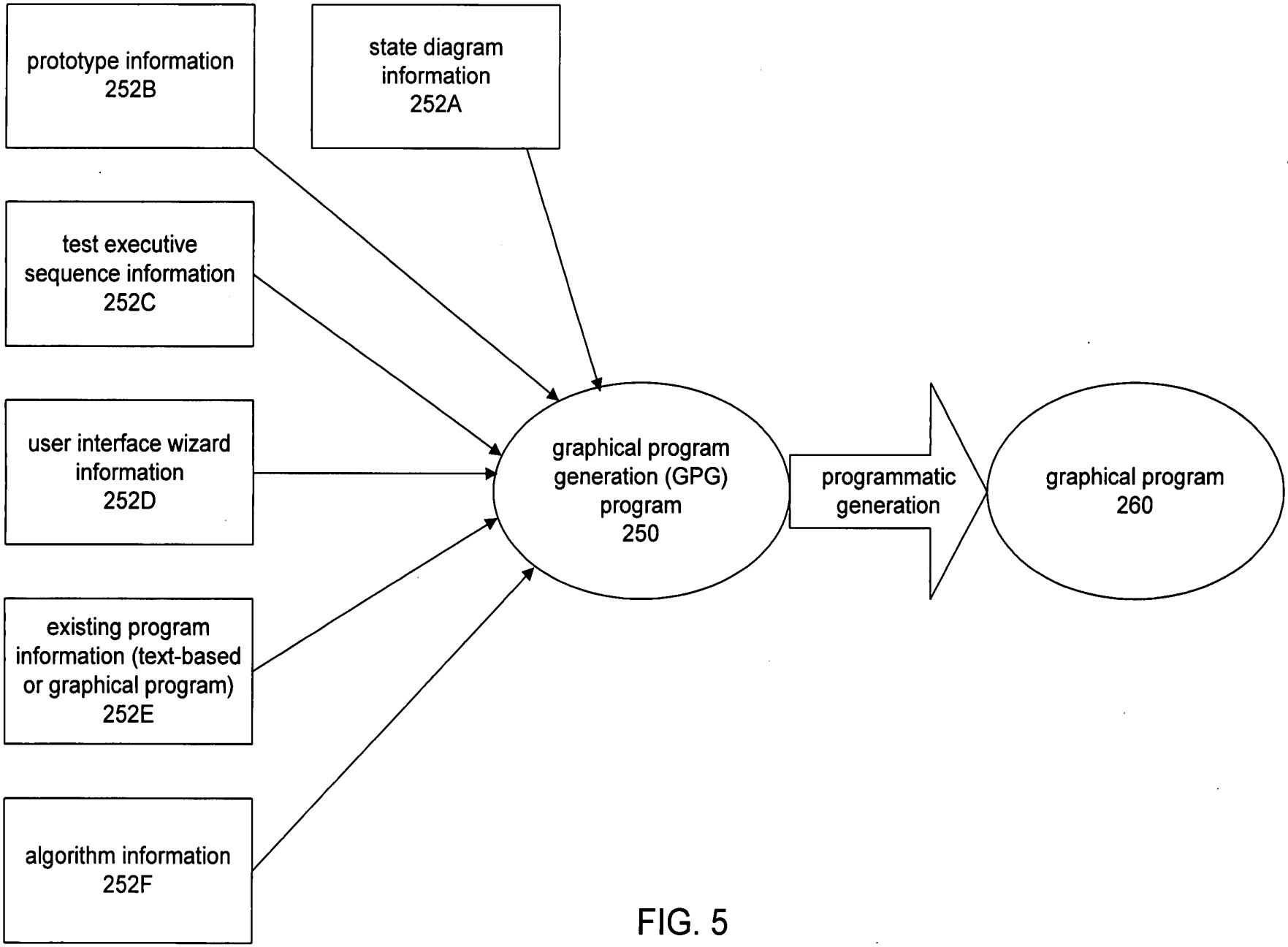
prototype information
252B
state diagram
information
252A
test executive
sequence information
252C
user interface wizard
information
252D
existing program
information (text-based
or graphical program)
252E
algorithm information
252F
graphical program
generation (GPG)
program
250
programmatic
generation
graphical program
260

FIG. 5

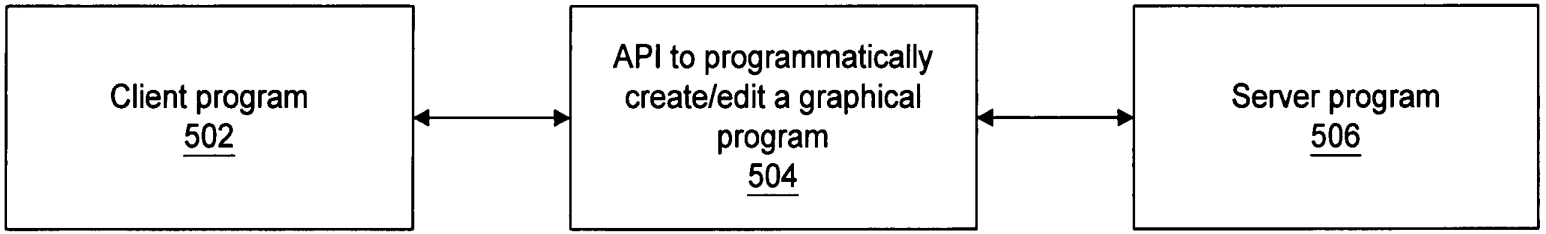

FIG. 6

Open Application Reference Node

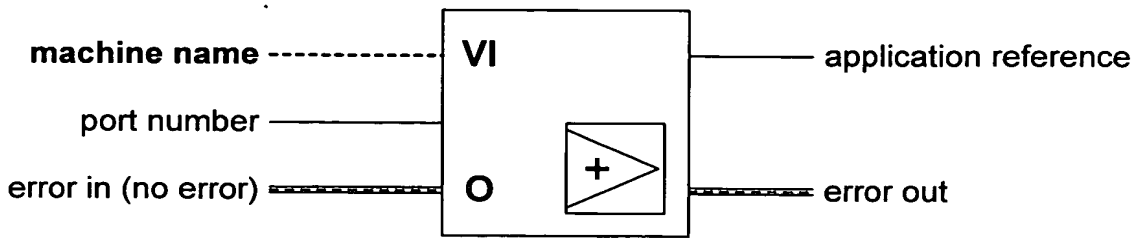

FIG. 7

Open VI Reference Node

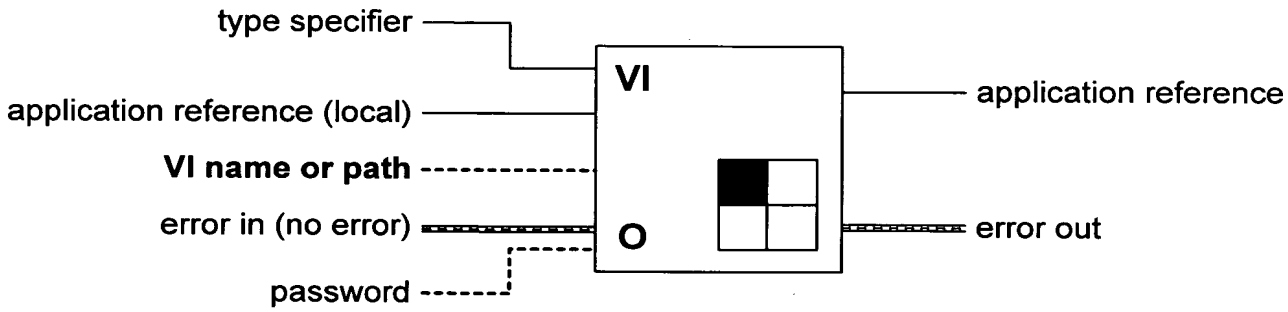

FIG. 8

New VI Reference Node

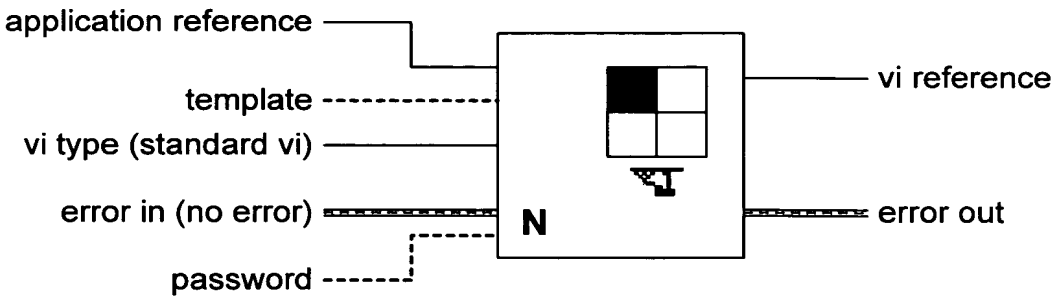

FIG. 9

Open VI Object Reference Node

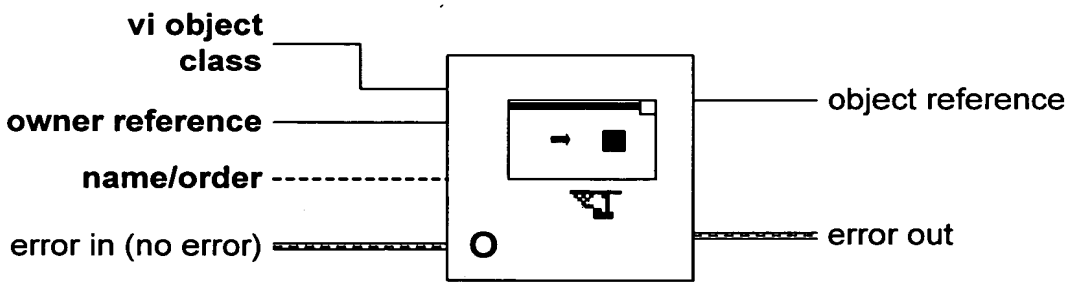

FIG. 10

New VI Object Reference Node

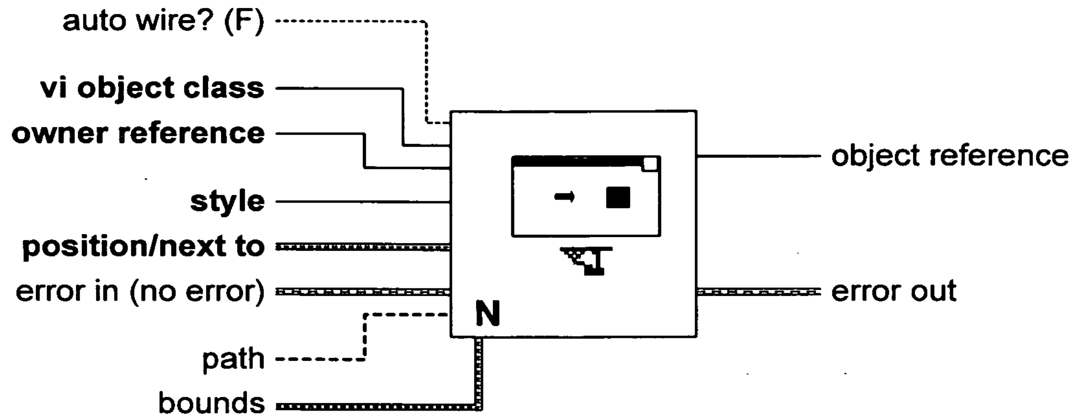

FIG. 11

Upcast Reference Node

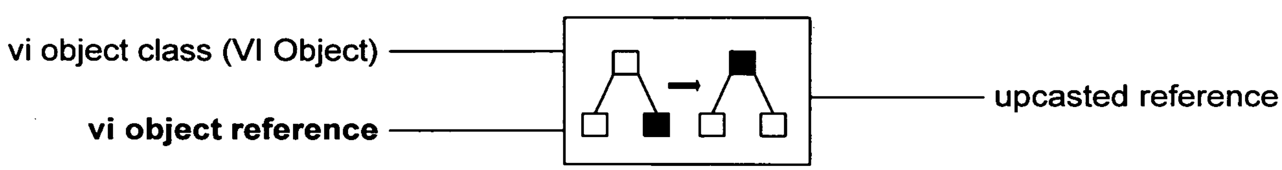

FIG. 12

Downcast Reference Node

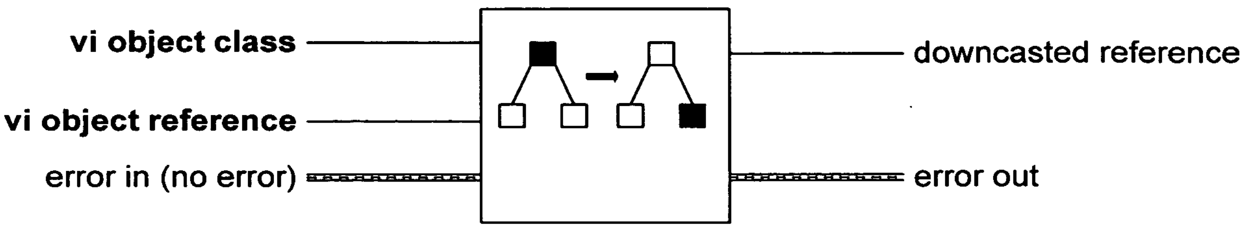

FIG. 13

Close Application or VI Reference Node

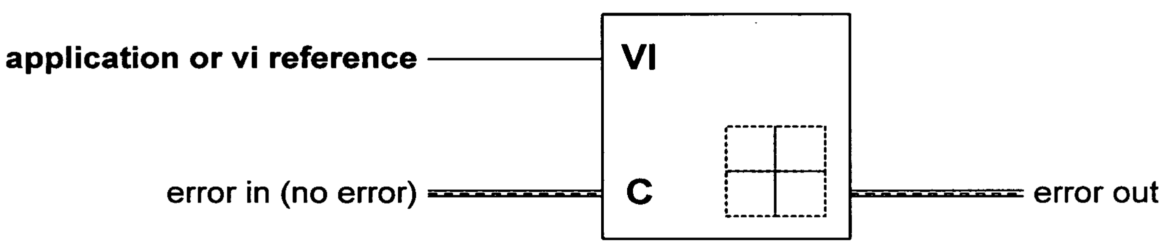

FIG. 14

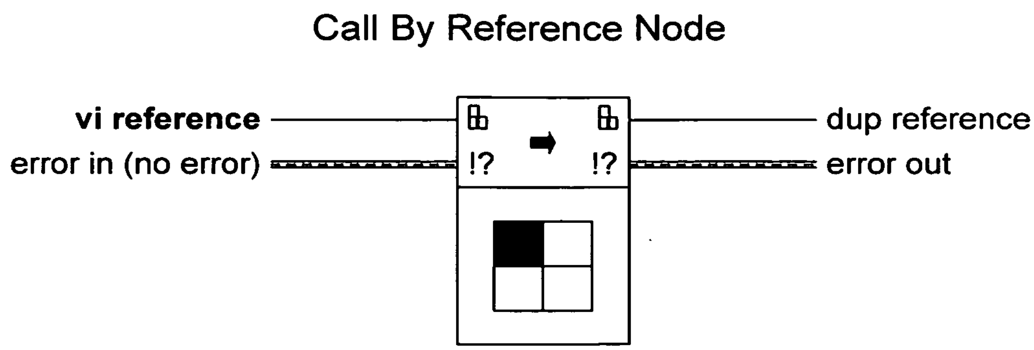

FIG. 15

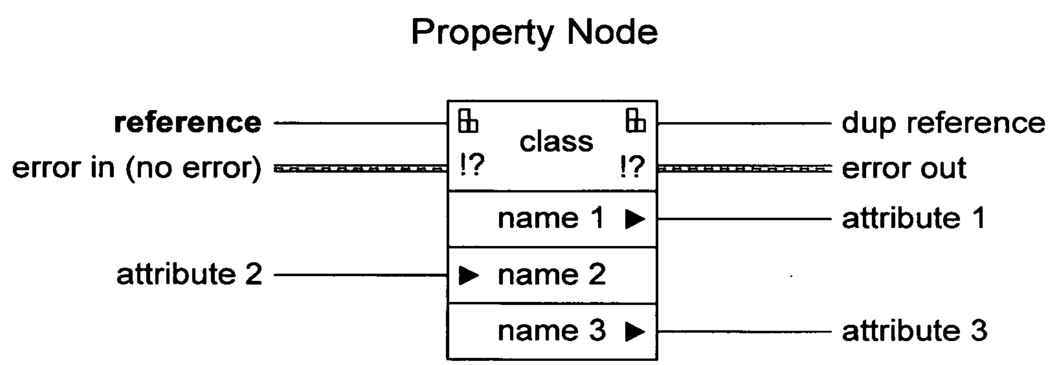

FIG. 16

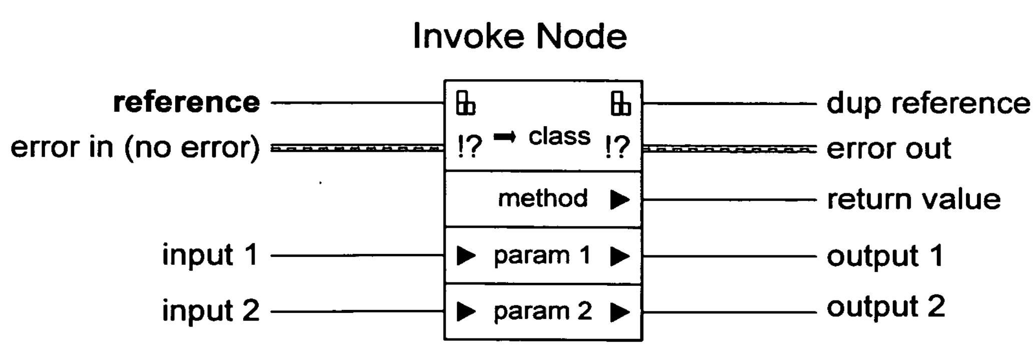

FIG. 17

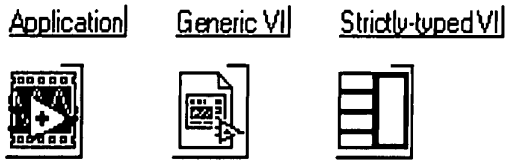

FIG. 18

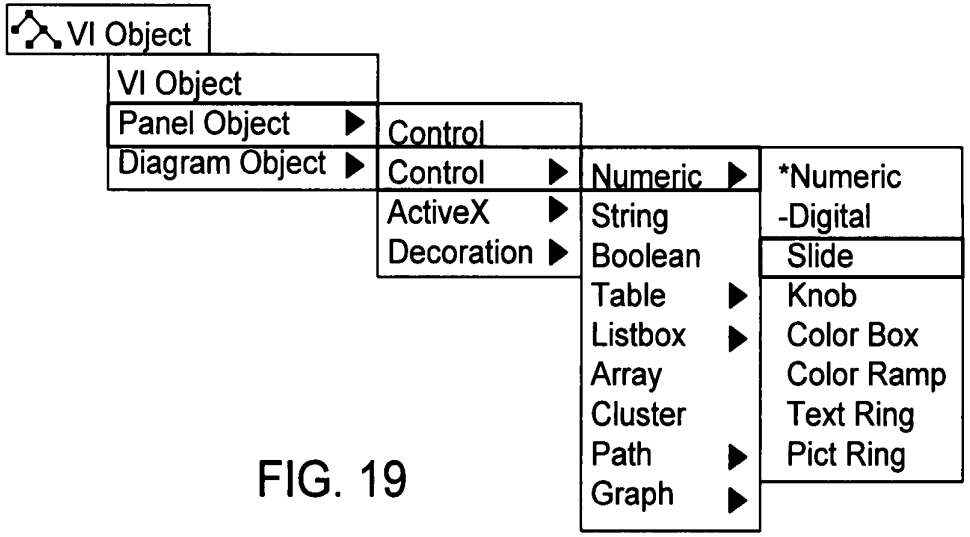

FIG. 19

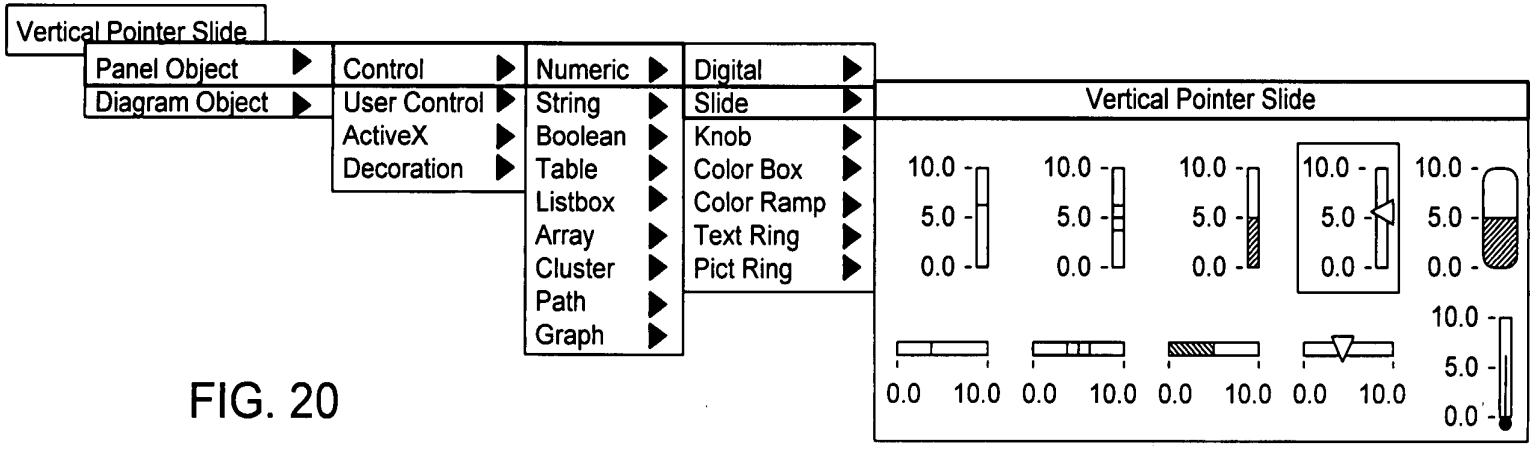

FIG. 20

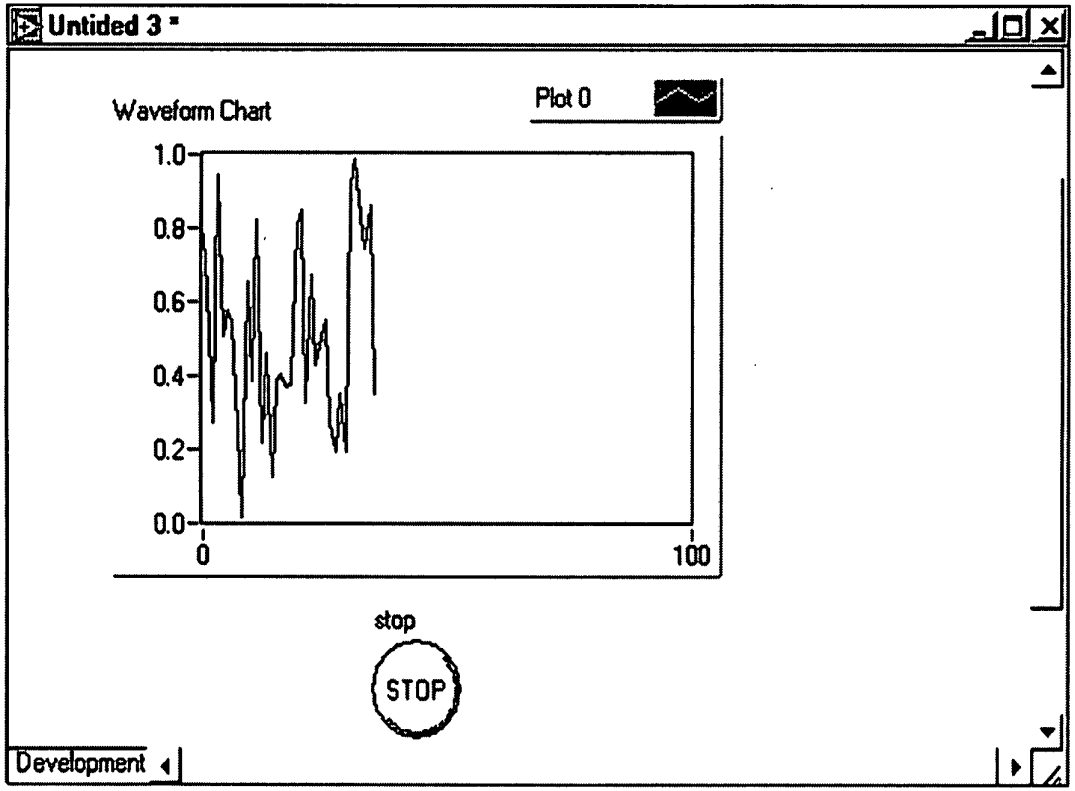

FIG. 21

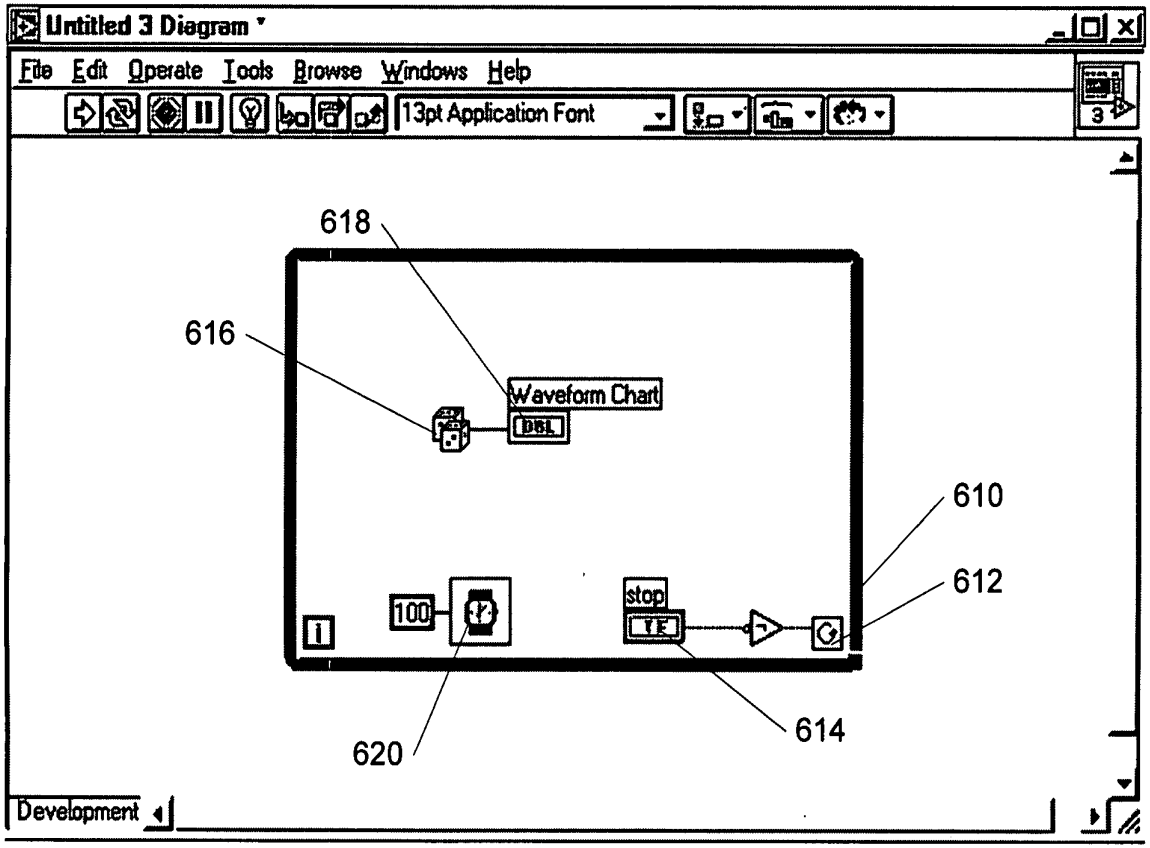

FIG. 22

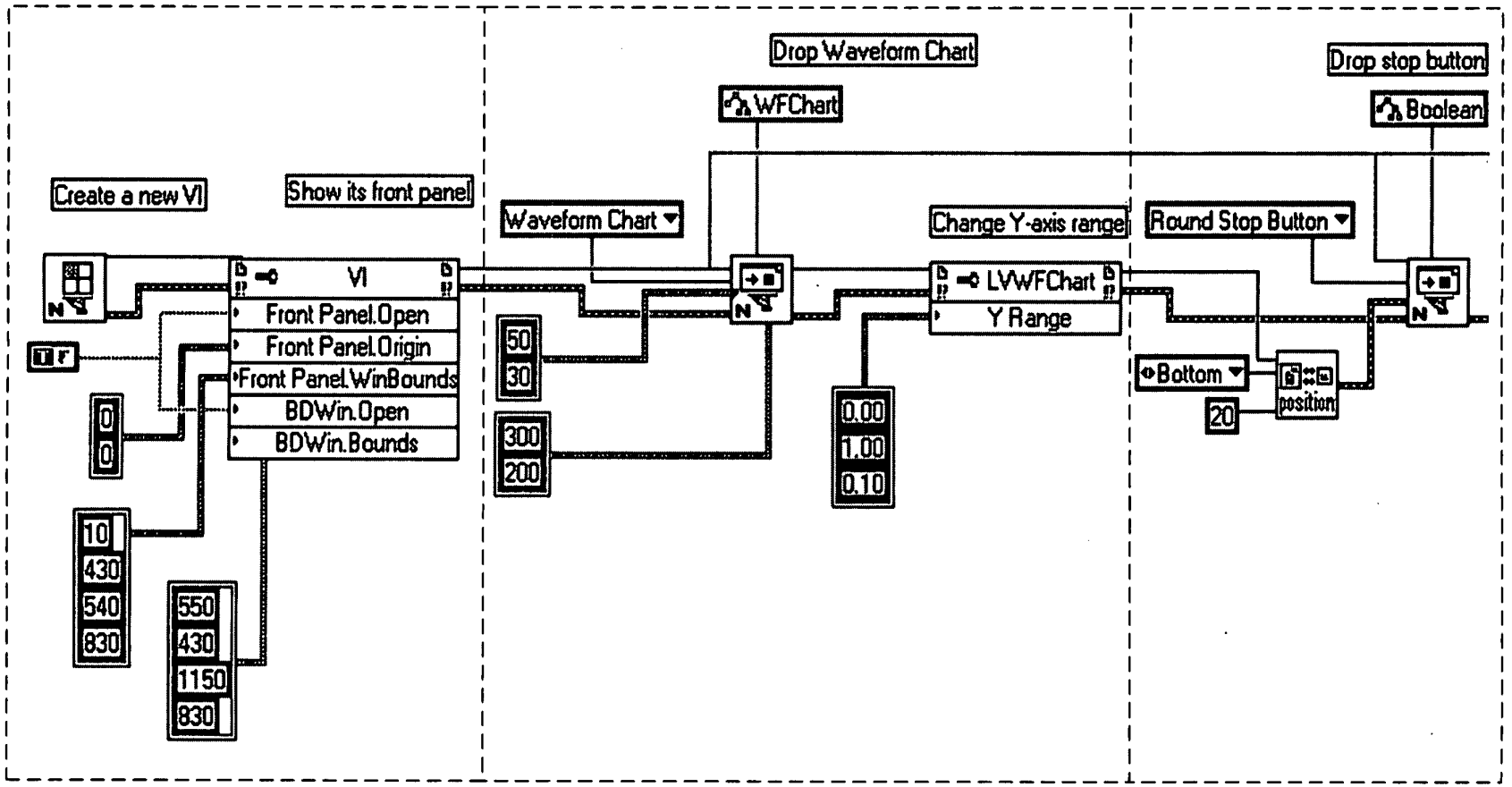
Drop Waveform Chart
Drop stop button
WFChart
Boolean
Create a new VI
Show its front panel
Waveform Chart
Change Y-axis range
Round Stop Button
VI
Front Panel.Open
Front Panel.Origin
Front Panel.WinBounds
BDWin.Open
BDWin.Bounds
LVWFChart
Y Range
Bottom
position
TF
0
0
10
430
540
830
550
430
1150
830
50
30
300
200
0.00
1.00
0.10
20
Section 1
Section 2
Section 3

FIG. 23A

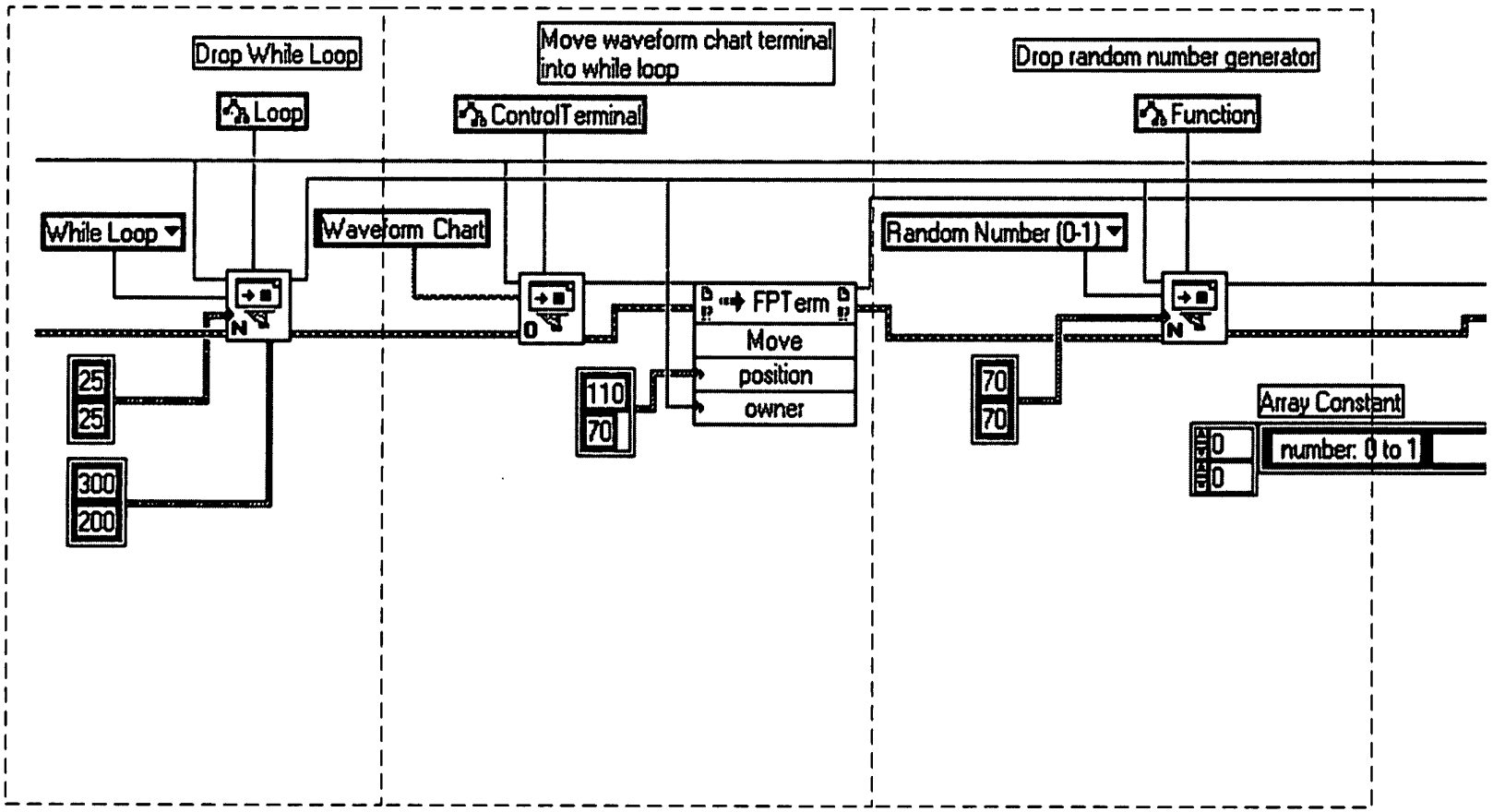

FIG.23B
(Continued)

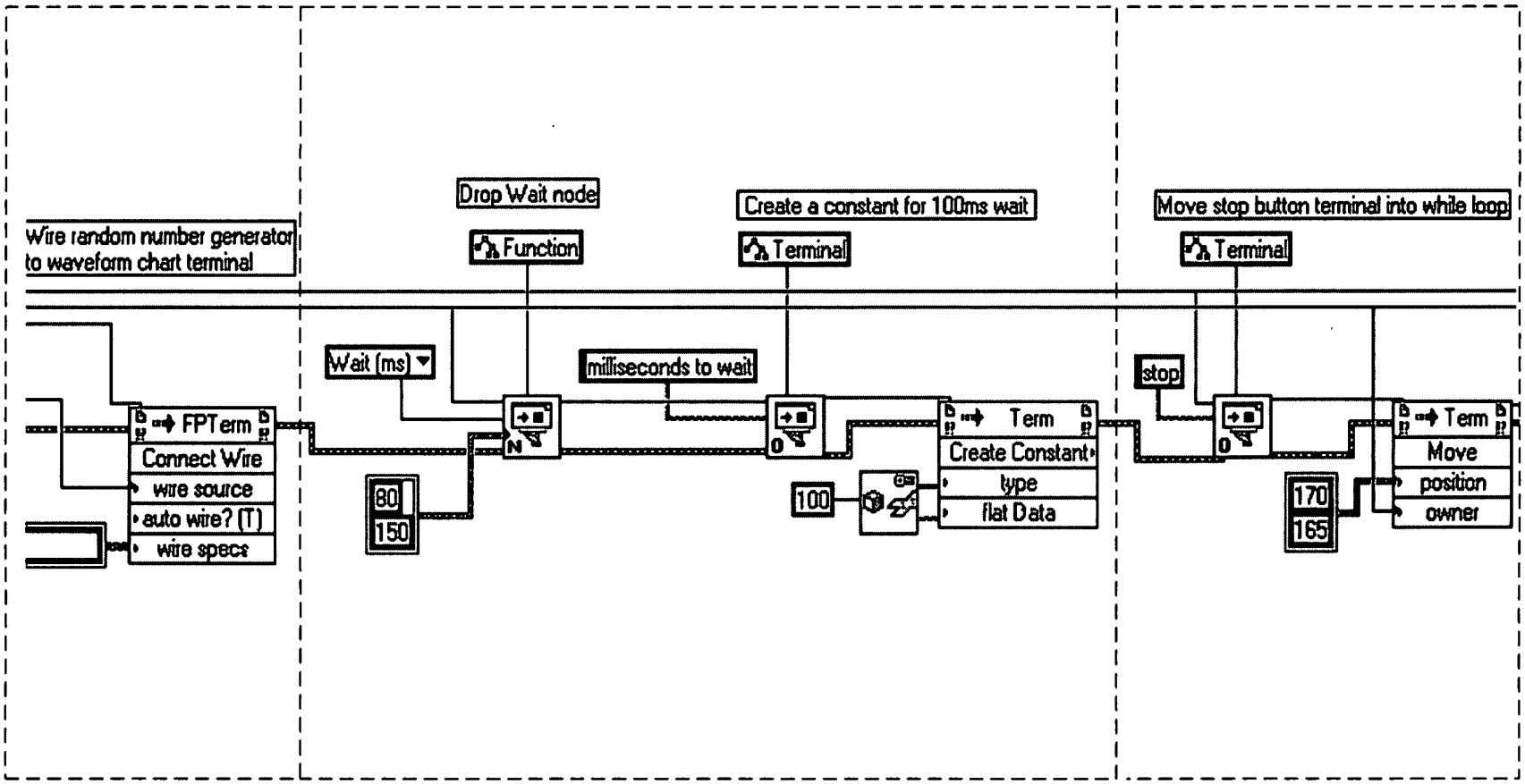

FIG.23C
(Continued)

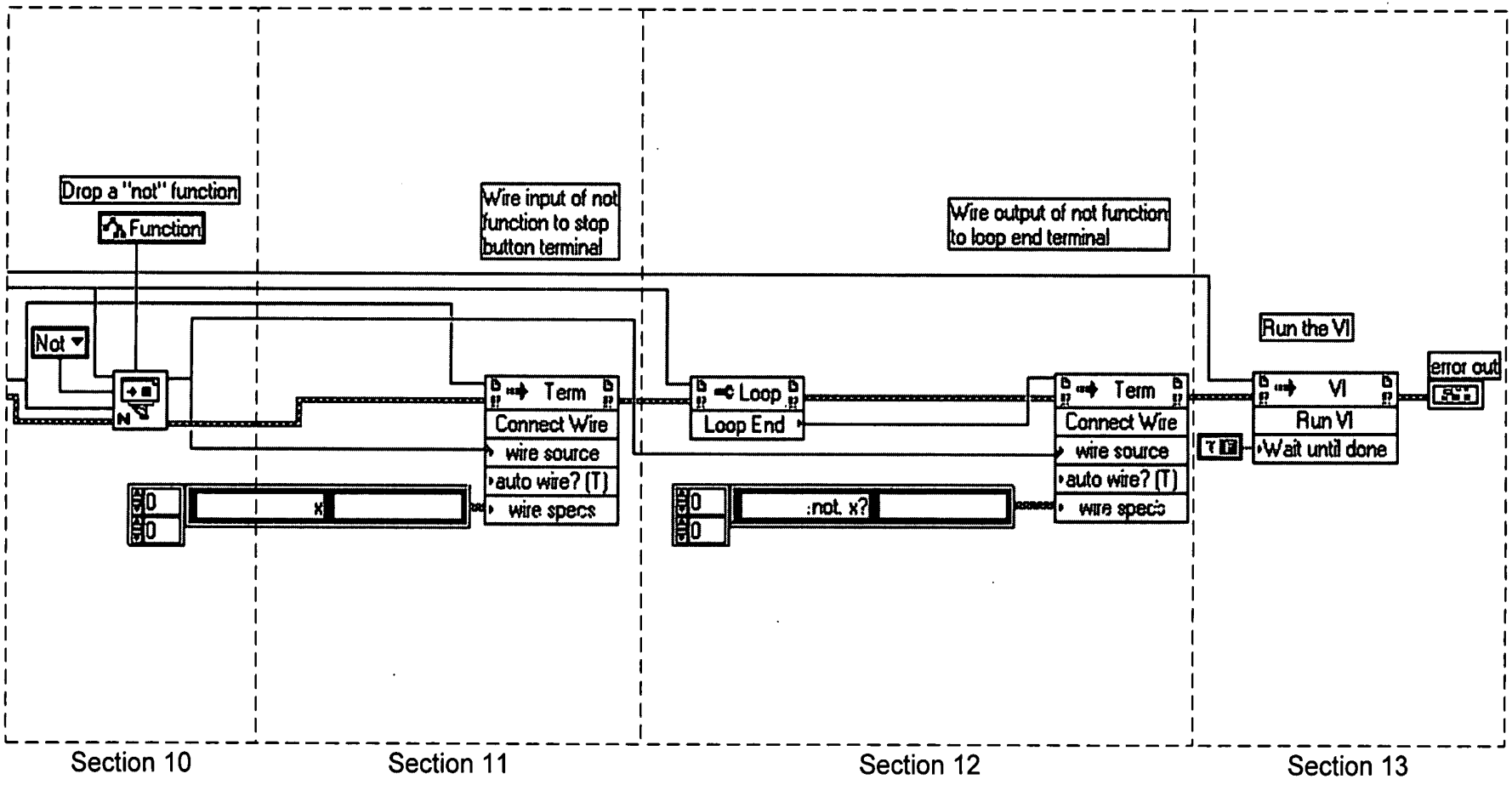

FIG. 23D
(Continued)